WELSH [illegible] LTH.
10 MAR 1961

M/H.

RURAL DISTRICT COUNCIL OF MACHYNLLETH.

ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH FOR THE YEAR, 1959

MEDICAL OFFICER OF HEALTH - AMELIA EVANS, B.Sc., M.B., B.Ch., D.P.H.
TOWN HALL,
NEWTOWN. Tel. Newtown 246.

PUBLIC HEALTH OFFICER - D. BRYN JONES., Cert S.I.E.J.B.,
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MACHYNLLETH RURAL DISTRICT COUNCIL.

CHAIRMAN	G. STANLEY HUGHES.
VICE-CHAIRMAN	MORRIS GRIFFITHS.
MEMBERS:	L.R. WILLIAMS, E.R. HUGHES, D.ANEURIN JONES, DAVID WIGLEY, W.I. JONES, THOMAS HUGHES, RICHARD JONES, R.L. WILLIAMS..

STAFF

MEDICAL OFFICER	AMELIA EVANS, TOWN HALL, NEWTOWN
PUBLIC HEALTH OFFICER	D. BRYN JONES, MACHYNLLETH R.D.C. OFFICES, MACHYNLLETH.

TO THE CHAIRMAN AND MEMBERS OF THE MACHYNLLETH RURAL DISTRICT COUNCIL.

Gentlemen,

Once again it is my duty to present to you the Annual Report on the Health and Sanitary conditions in your area during the year 1959, arranged in accordance with the Welsh Board of Healt Circular 1/60 (Wales).

Mr. Henry Evans took up his duties as part-time Clerk to the Rural Council in January, 1959.

There were no other staff changes.

VITAL STATISTICS

The Registrar General's estimated population for the district continues to show a decline from 3,010 in 1958 to 2,980 in 1959.

The birth rate in 1959 was 16.44 per 1,000 population compared with 11.96 in 1958. In the rural areas of the County this rate was 15.86, and in the whole County 15.60. In England and Wales 16.5.

There was one still birth, being 2% of the live births compared with 3.0% in the rural areas, 2.9% in the County . There were 6 illegitimate births giving a rate of 12% of the total births compared with 2.7% in 1958. In the rural areas this rate was 5.2%, in the whole County it was 5.1%.

There was 1 death in an infant under 1 year giving a rate of 20 per 1,000 live births, compared with a rate of 56 in 1958. In the rural areas the infant mortality was 21 and in the whole County 17. In England and Wales the rate was 22.

This death was in a premature twin baby which died at 2 days.

There were 40 deaths from all causes giving a rate of 13. 42 per 1,000 population compared with 15.61 in 1958. In the rural areas the rate was 12.19, in the County 13.04 and in England and Wales 11.6.

There was one death from respiratory tuberculosis.

THE CARE OF THE AGED IN THE RURAL DISTRICT.

No action was taken under the National Assistance Act, 1948, Section 47, which deals with the removal of people living in insanitary conditions and who are not taking proper care of themselves or being taken care of by others. In this connection the home help service plays a big part in caring for elderly and sick people in their own homes.

HOUSING.

The Council own the following houses :-

ABERHOSAN - 4 (postwar), ESGAIRGEILLOG - 20 built in 1957,
PENEGOES - 4 (1929), 8 (1956). LLANWRIN- 3 (1929),
LLAN - 4 (1954) 4 (1956), DOLYBONT - 4 (prewar)
PANDY - 4 (prewar), CEMMAES - 8 (1956-1954).

In 1959 no houses were built.

Difficulty has still being experienced in the purchasing of land at Derwenlas for the erection of houses.

During the year 4 houses were let and whenever a house becomes vacant, it is advertised in the press and the tenant selected from these applications.

The Council does not have a list of housing applicants.

WATER SUPPLY.

Negotiations were continued with regard to the Comprehensive Supply, starting at Llanbrynmair and by the end of the year terms of agreement with the Wynnstay Estate were approaching the final stage.

As part of the scheme to supply the rural district with piped water, Derwenlas and Llanwrin were supplied with water by extension of mains from the Machynlleth Urban District supply and the work of extending the mains from the Machynlleth U.D.C. to Felingerrig ,Penegoès and Forge was commenced.

1959 was a dry year and water was severely rationed at Penegoes, Cemmaes, Cwmlline and Llan. The Nationsl Fire Service carried water to Llanbrynmair, and Cemmaes from the Urban Supply.

The supply for Aberhosan is still in the preliminary stage. As usual samples of water vary in their bacteriological content and it is to be hoped that 1960 will see the commencement of actual physical work on the scheme to supply most of the rural district with an adequate and pure piped water supply.

SANITATION.

The Council own no public sewerage work and their Council Houses have septic tank installation.

REFUSE COLLECTION.

A weekly collection of domestic refuse is undertaken and tipping carried out at Commins Coch. No complaints regarding the tip were received in 1959.

ABBATOIR.

There is one privately owned Slaughterhouse at Cemmaes and killing is carried out twice a week. Mr. Bryn Jones endeavours to carry out a regular inspection of this meat.

I would like to thank the Council members and my colleague for their interest and co-operation in the work of the Public Health Department, whose sole concern is the health of the community which we serve.

I am, Gentlemen,

Your obedient Servant,

AMELIA EVANS,

Medical Officer of Health.

June, 1960.

STATISTICS.

	1959.	1958.
Area in acres	98,564	98,564
Population (Registrar General's mid year estimate)	2,980	3,010
Rateable Value	£13,053	£12,350
Product of a penny rate	£48.	£46. 12. 3.

LIVE BIRTHS.

	1959.			1958.		
	Male.	Female.	Total.	Male	Female.	Total.
Legitimate	25.	18.	43.	19.	16.	35.
Illegitimate	2	4	6	1	0	1
Total.	27	22	49	20	16	26.
Number of Home confinements		2.			3.	
Birth rate per 1,000 population						
(a) Machynlleth R.D.C.		16.44			11.96	
(b) Rural districts of County		15.86			15.68	
(c) Urban districts of County		15.21			16.61	
(d) Montgomeryshire		15.60			16.05	
(e) England and Wales		16.5			16.40	
Illegitimate live births per cent of total live births.		12.2			2.8.	

STILL BIRTHS.

	1959	1958.
	1 female legitimate	1 female legitimate.
Still birth rate per 1000 total live births		
(a) Machynlleth R.D.C.	20	27
(b) Rural districts of County	29.4	28
(c) Urban districts of County	25.2	10
(d) Montgomeryshire	27.8	21.
(e) England and Wales	20.7	21.6.

INFANT MORTALITY.

	1959.	1958.
Infant deaths under 4 weeks	1	1
Infant deaths under 1 week	1	1.
Infant deaths under 1 year	1	2
Infant deaths per 1,000 live births:-		
(a) Machynlleth R.D. .	20	56
(b) Rural area of County	21	26
(c) Urban areas of County	11	24
(d) Montgomeryshire	17	25
(e) England and Wales	22.	22.5
Legitimate infant deaths per 1000 legitimate live births	23.3	57.1.
Illegitimate infant deaths per 1000 illegitimate births	0	0
Neo-natal mortality rate (deaths under 4 weeks per 1,000 live births)	20.4	27.7
Early neo-mortality rate (deaths under 1 week, per 100 total births)	20.4	27.7
Principal mortality rate (still births and deaths under 1 week per 1000 total live and stillbirths)	40	54
naternal mortality- number of deaths	0	0

DEATHS.

	1959. Male.	1959. Female.	1959. Total.	1958. Male.	1958. Female.	1958. Total.
All ages	19.	21.	40.	23.	24.	47.
Death rate per 1,000 population.						
(a) Machynlleth R.D.		13.42			15.61	
(b) Rural Areas of County		12.19			12.83	
(c) Urban areas of County		14.31			12.22	
(d) Montgomeryshire		13.04			12.59	
(e) England and Wales		11.6			11.7.	

AGE AT DEATH.

Age in years:	1959 Male.	1959 Female.	1959 Total.	1958. Male.	1958. Female.	1958. Total.
Under 1 year	1	0	1	0	2	2
1-5	0	0	0	0	0	0
5-	0	0	0	0	0	0
15-	0	0	0	0	0	0
25-	0	0	0	0	0	0
35-	0	0	0	0	1	1
45-	1	2	3	2	0	2
55-	5	5	10	3	5	8
65-	6	4	10	8	6	14
75-	4	10	14	7	8	15
85 and over	2	0	2	3	2	5
TOTAL.	19.	21.	40.	23.	24.	47.

CAUSES OF DEATH.

	1959. Male.	1959. Female.	1959. Total.	1958. Male.	1958. Female.	1958. Total.
Respiratory Tuberculosis	1	0	1	0	0	0
Other Tuberculosis	0	0	0	0	0	0
Syphilitic disease	0	0	0	0	0	0
Diphtheria	0	0	0	0	0	0
Whooping Cough	0	0	0	0	0	0
Meningococcal Infections	0	0	0	0	0	0
Acute Poliomyelitis	0	0	0	0	0	0
Measles	0	0	0	0	0	0
Other infective & parasitic dss	0	0	0	0	0	0
Malignant neoplasm, stomach	0	1	1	3	2	5
" " , lung, bronchus)	1	0	1	1	1	2
" " breast	0	1	1	0	0	0
" " uterus	0	1	1	0	0	0
Other malignant & lymphatic neoplasms	1	3	4	1	1	2
Leukaemia	0	1	1	0	0	0
Diabetes	0	0	0	0	0	0
Vascular lesions of nervous system	1	5	6	2	4	6
Coronary diseases (angina)	5	1	6	4	0	4
Hypertension with heart disease	0	0	0	1	1	2
Other heart diseases	2	3	5	5	6	11
Other circulatory diseases	0	0	0	1	3	4
Influenza	2	2	4	0	0	0
Pneumonia	1	0	1	0	1	1
Bronchitis	0	0	0	1	0	1
Other diseases of repiratory system	1	0	1	1	0	1
Ulcer of Stomach & duodenum	0	0	0	0	0	0
Gastritis, enteritis, diarrhoea	0	0	0	0	0	0
Nephritis, nephrosis	1	0	1	2	1	3
Hyperplasia of prostrate	1	0	1	0	-	0
Pregnancy, childbirth, abortion	0	0	0	0	0	0

	1959.			1958.		
	Male.	Female.	Total.	Male.	Female.	Total
Congenital malformations	0	1	1	0	1	1
Other defined and ill-defined diseases	2	2	4	1	3	4
Motor Vehicle Accidents	0	0	0	0	0	0
All other accidents	0	0	0	0	0	0
Suicide	0	0	0	0	0	0
Total.	19	21	40	23	24	27

NOTIFIABLE DISEASES.

Scarlet Fever	9
Whooping Cough	1
Measles	30
Acute poliomyelitis	0
Diptheria	0
Smallpox	0
Meningococcal Infection	0
Acute encephalitis	0
Dysentery	0
Acute pneumonia	6
Ophthalmia neonatorum	0
Puerperal pyrexia	0
Paratyphoid	0
Enteric fever	0
Food poisoning	0
Erysipelas	0

AGE AND SEX DISTRIBUTION OF :

	MEASLES.			
Age.	Male.	Female.	Male.	Female.
Under 1	2	0	0	0
1-	1	0	0	0
2-	1	0	1	0
3-	1	0	0	0
4-	0	1	1	1
5-9	6	8	1	2
10-14	4	6	2	1
15-24	0	0	0	0
25 & over	0	0	0	0
Total	15	15	5	4

TUBERCULOSIS.

During the year the following cases of tuberculosis were notified:-

(1) A man aged 33 with tubercular glands of neck
(2) A boy aged 8 with tubercular glands
(3) A woman aged 27 with tubercular peritonitis.

The following cases were removed from the register :-

(1) Due to recovery - girl aged 1 in 1951 when notified with pulmonary tuberculosis.
(2) Due to recovery - girl aged 3 in 1951 when notified with pulmonary tuberculosis
(3) Left the district--man aged 57 in 1954 when notified with pulmonary tuberculosis

(4) Left the district - man aged 24 in 1948 when notified with pulmonary tuberculosis.
(5) Due to Death - man aged 52 in 1949 when notified with pulmonary tuberculosis.

At the end of the year there were 24 cases on the register.

This number is made up as follows :-

Year notified.	Number of cases on register.
1944	1
1945	1
1946	1
1947	1
1948	1
1950	1
1951	4
1953	3
1954	3
1957	3
1958	2
1959	3

VACCINATION AGAINST TUBERCULOSIS.

This was carried out on children from age 13 to school leavers in September, 1959. The number of children whose parents asked for this treatment was comparatively small.

Tuberculin tested - 36 + 11 left over from 1958
Mamtoux positive - 1 - referred to the Chest Physician
Mantoux positive (after BCG given in 1958) - 5 (successfully vaccinated)
Number vaccinated - 41
Matoux tested after vaccination - 35 (6 absent)
Post vaccination mantoux positive -34
" " " negative - 1

GENERAL PROVISION FOR HEALTH SERVICE IN THE DISTRICT.

Ambulance

The local service consists of the St. John Ambulance and is responsible to the Ambulance Committee of the County Council Health Committee.
Telephone - Machynlleth 2158.

Sitting Car Service.

Enquiries should be made to the County Health Office, Newtown.
Telephone - Newtown 205.

Children's Officer.

This office is established by the County Council under the terms of the Children's Act, 1948.
The Officer is : - Mr. W.E. Jones,
County Offices,
Welshpool. Telephone, Welshpool 3311.

Domiciliary Midwifery and Home Nursing.

An attempt has been made to re-organise the bounderies of the district nurses in the rural district as it has been impossible to replace the nurse who was at Cemmaes.
The district in 1959 was covered by :-
Nurse M.Jones, 2 Maglona Villas,
Machynlleth. Telephone- Machynlleth 2129

and Sister L. Evans,
Glasfryn,
Llanbrynmair. Telephone- Llanbrynmair 234.

Home Help Service.

Information regarding the service can be obtained from the Home Help Supervisor :-
Mrs. Rhoda Goodwin,
County Health Offices,
Newtown. Tel. Newtown. 205.

Laboratory Service.

A branch of the Public Health Laboratory Service is at the Cardiganshire Hospital, Aberystwyth under the direction of Dr. M.N.V. Sudds. As in recent years Dr. Sudds has been an extremely valuable colleague.

Tel. Aberystwyth. 216.

Maternity and Child Welfare.

The County Council is reponsible for this service. Infant welfare clinics are held :-
Doll Street, Machynlleth second and fourth Tuesday afternoons.
Llanbrynmair Village Hall. second Thursday afternoon.
Llwynygog, Staylittle, third Thursday afternoon.

Tuberculosis.

This service is controlled by the Regional Hospital Board and the Chest Physician Dr. G.O. Thomas holds clinics every Wednesday at the Machynlleth Chest Hospital at 10. a.m.

Vaccination.

Vaccination against smallpox is carried out by the general practitioners and at the Machynlleth Infant Welfare Clinic. It is a procedure that I personally advise every mother of young babies to adopt. To my mind the need for this vaccination certainly exists.

Immunisation against Diptheria and Whooping Cough.

This is carried out by the local practitioners and at the clinics. The usual series of injections consists of three injections for whooping cough at 3, 4, and 5 months abd for Diptheria at 6 and 7 months. A booster dose for diptheria is given at 5 years.

Portection aganist Poliomyelitis.

Many more adults to the age of 26 sought this protection against poliomyelitis than in 1958. In the younger age group the demand for protection continued to be high.